

ATTORNEY DOCKET NO.  
073338.0192 (04-50466 FLA)

PATENT APPLICATION

1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: David L. Marvit et al.  
Filing Date: March 23, 2004  
Title: **ENVIRONMENTAL MODELING FOR MOTION  
CONTROLLED HANDHELD DEVICES**

**MAIL STOP PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT**

Under 37 C.F.R. §§ 1.56, .97, and .98, Applicants respectfully request that the references listed on the attached PTO-1449 form be considered and cited in the examination of the Application. The present Application was filed after June 30, 2003. Therefore, under the July 11, 2003, waiver of 37 C.F.R. § 1.98(a)(2)(i) by the U.S. Patent and Trademark Office, copies of U.S. Patents and U.S. Patent Application Publications listed in the attached PTO-1449 form are not enclosed.

ATTORNEY DOCKET NO.  
073338.0192 (04-50466 FLA)

PATENT APPLICATION

2

Applicants believe no fees are due. Nonetheless, the Commissioner is hereby authorized to charge any fee and credit any overpayment to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully submitted,  
BAKER BOTTS L.L.P.  
Attorneys for Applicants



Kurt M. Pankratz  
Reg. No. 46,977

Date: March 23, 2004

**Correspondence Address:**

Customer Number **05073**

<b>PTO-1449</b>  <b>Information Disclosure Citation in an Application</b>	Application No.	Applicant(s) David L. Marvit et al.	
	Docket Number 073338.0192 (04-50466 FLA)	Group Art Unit	Filing Date March 23, 2004

### U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	4,812,831	03/14/1989	Laier	340	711	02/10/1987
	B	5,112,785	05/12/1992	Brun et al.	502	108	10/30/1989
	C	5,142,655	08/25/1992	Drumm	379	52	10/07/1991
	D	5,506,605	04/09/1996	Paley	345	163	01/26/1994
	E	5,543,588	08/06/1996	Bisset et al.	178	18	12/03/1993
	F	5,602,566	02/11/1997	Motosyuku et al	345	123	08/23/1994
	G	5,734,371	03/31/1998	Kaplan	345	158	12/23/1996
	H	6,008,810	12/28/1999	Bertram et al.	345	347	03/07/1997
	I	6,057,554	05/02/2000	Plesko	250	566	10/29/1998
	J	6,088,023	07/11/2000	Louis et al.	345	173	12/10/1996
	K	6,121,960	09/19/2000	Carroll et al.	345	173	08/28/1997
	L	6,184,847 B1	02/16/2001	Fateh et al.	345	8	09/22/1999
	M	6,201,554 B1	03/13/2001	Lands	346	169	01/12/1999
	N	6,245,014 B1	06/12/2001	Brainard, II	600	300	11/18/1999
	O	6,466,198 B1	10/15/2002	Feinstein	345	158	04/05/2000

### FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	P							
	Q							
	R							
	S							
	T							

### NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	U	Westeyn et al., "Georgia Tech Gesture Toolkit: Supporting Experiments in Gesture Recognition", ICMI '03, Vancouver, British Columbia, Canada, 8 pages	11/05/2003
	V	Yee, Ka-Ping, "Peephole Displays: Pen Interaction on Spatially Aware Handheld Computers", CHI 2003, Ft. Lauderdale, Florida, 8 pages	04/05/2003

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449		Application No.		Applicant(s) David L. Marvit et al.	
Information Disclosure Citation in an Application		Docket Number 073338.0192 (04-50466 FLA)		Group Art Unit	Filing Date March 23, 2004
<b>NON-PATENT DOCUMENTS</b>					
		<b>DOCUMENT (Including Author, Title, Source, and Pertinent Pages)</b>			<b>DATE</b>
	<b>W</b>	Patent Application entitled, " <i>Distinguishing Tilt and Translation Motion Components in Handheld Devices</i> ", 68 pages specification, claims and abstract, 11 pages of drawings, inventors Marvit et al, Attorney Docket No. 073338.0181			03/23/2004
	<b>X</b>	Patent Application entitled, " <i>Handheld Device With Preferred Motion Selection</i> ", 64 pages specification, claims and abstract, 11 pages of drawings, inventors Marvit et al, Attorney Docket No. 073338.0182			03/23/2004
	<b>Y</b>	Patent Application entitled, " <i>Motion Sensor Engagement for a Handheld Device</i> ", 68 pages specification, claims and abstract, 11 pages of drawings, inventors Marvit et al, Attorney Docket No. 073338.0183			03/23/2004
	<b>Z</b>	Patent Application entitled, " <i>Selective Engagement of Motion Detection</i> ", 66 pages specification, claims and abstract, 11 pages of drawings, inventors Marvit et al, Attorney Docket No. 073338.0184			03/23/2004
	<b>AA</b>	Patent Application entitled, " <i>Gesture Based Navigation of a Handheld User Interface</i> ", 69 pages specification, claims and abstract, 11 pages of drawings, inventors Marvit et al, Attorney Docket No. 073338.0185			03/23/2004
	<b>AB</b>	Patent Application entitled, " <i>Translation Controlled Cursor</i> ", 66 pages specification, claims and abstract, 11 pages of drawings, inventors Reinhardt et al, Attorney Docket No. 073338.0186			03/23/2004
	<b>AC</b>	Patent Application entitled, " <i>Selective Engagement of Motion Input Modes</i> ", 66 pages specification, claims and abstract, 11 pages of drawings, inventors Marvit et al, Attorney Docket No. 073338.0187			03/23/2004
	<b>AD</b>	Patent Application entitled, " <i>Feedback Based User Interface for Motion Controlled Handheld Devices</i> ", 66 pages specification, claims and abstract, 11 pages of drawings, inventor Marvit, Attorney Docket No. 073338.0188			03/23/2004
	<b>AE</b>	Patent Application entitled, " <i>Spatial Signatures</i> ", 64 pages specification, claims and abstract, 11 pages of drawings, inventors Marvit et al, Attorney Docket No. 073338.0189			03/23/2004
	<b>AF</b>	Patent Application entitled, " <i>Motion Controlled Remote Controller</i> ", 65 pages specification, claims and abstract, 11 pages of drawings, inventors Marvit et al, Attorney Docket No. 073338.0190			03/23/2004
	<b>AG</b>	Patent Application entitled, " <i>Gesture Identification of Controlled Devices</i> ", 65 pages specification, claims and abstract, 11 pages of drawings, inventors Marvit et al, Attorney Docket No. 073338.0191			03/23/2004
	<b>AH</b>	Patent Application entitled, " <i>Gesture Based User Interface Supporting Preexisting Symbols</i> ", 65 pages specification, claims and abstract, 11 pages of drawings, inventors Marvit et al, Attorney Docket No. 073338.0193			03/23/2004
	<b>AI</b>	Patent Application entitled, " <i>Context Dependent Gesture Response</i> ", 66 pages specification, claims and abstract, 11 pages of drawings, inventors Marvit et al, Attorney Docket No. 073338.0194			03/23/2004
	<b>AJ</b>	Patent Application entitled, " <i>Customizable Gesture Mappings for Motion Controlled Handheld Devices</i> ", 67 pages specification, claims and abstract, 11 pages of drawings, inventors Marvit et al, Attorney Docket No. 073338.0195			03/23/2004
	<b>AK</b>	Patent Application entitled, " <i>User Definable Gestures for Motion Controlled Handheld Devices</i> ", 66 pages specification, claims and abstract, 11 pages of drawings, inventors Marvit et al, Attorney Docket No. 073338.0196			03/23/2004
	<b>AL</b>	Patent Application entitled, " <i>Non-Uniform Gesture Precision</i> ", 66 pages specification, claims and abstract, 11 pages of drawings, inventors Marvit et al, Attorney Docket No. 073338.0197			03/23/2004
	<b>AM</b>	Patent Application entitled, " <i>Dynamic Adaptation of Gestures for Motion Controlled Handheld Devices</i> ", 65 pages specification, claims and abstract, 11 pages of drawings, inventors Marvit et al, Attorney Docket No. 073338.0198			03/23/2004
	<b>AN</b>				
	<b>AO</b>				
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.					